

*Stated Meeting October 5, 1906.*

President SMITH in the Chair.

Dr. Herbert Donaldson, a newly elected member, was presented to the Chair and took his seat in the Society.

Acknowledgments of elections to membership were received from

Prof. Charles A. Hastings.

Prof. Arthur Gordon Webster.

Prof. Adolf Engler.

Prof. Dmitri Ivanovitch Mendeleff.

Invitations were received from

The University of Aberdeen, to be represented at the celebration of its Quatercentenary, in September, 1906.

From the University of Pennsylvania, to be represented at the dedication of the Engineering Building in October, 1906.

From the International Congress for the Study of Polar Regions, to participate in the Congress to be held at Brussels in September, 1906.

Communications were received

From the California Academy of Sciences, thanking the Society for its resolution of sympathy of April 17th last, and accepting the offer of a set of the Transactions and Proceedings of this Society as a contribution towards the rehabilitation of the Academy's library.

From The President making the following appointments:

General A. W. Greely, U. S. A., to represent the Society at the International Congress for the Study of Polar Regions.

Mr. Andrew Carnegie to represent the Society at the Quatercentenary of the University of Aberdeen.

Prof. Angelo Heilprin to represent the Society at the Tenth International Geological Congress.

The decease of the following members was announced:

George Tucker Bispham, Newport, R. I., on July 28, 1906, æt. 68.

Edward Coles, at Bar Harbor, Maine, on August 4, 1906, æt. 69.

Robert Coleman Hall Brock, at Philadelphia on August 8, 1906, æt. 45.

The following papers were read:

"Pyrite from Cornwall, Lebanon Co., Pa.," by CHARLES TRAVIS (communicated by PROF. AMOS P. BROWN), which was discussed by PRESIDENT SMITH and PROF. A. P. BROWN. (See page 131.)

"Studies in Avian Anatomy," by MARGARET E. MARSHALL (communicated by PROF. THOMAS H. MONTGOMERY, JR.).

"The Paragenesis of the Minerals in the Glaucofane-bearing Rocks of California," by JAMES PERRIN SMITH (communicated by PROF. J. C. BRANNER). (See page 183.)

"The Aranda and the Loritza Languages, Central Australia," by R. H. MATHEWS (communicated by the Secretaries).

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*Stated Meeting October 19, 1906.*

The following papers were read:

"Problems of Double Star Astronomy," by ERIC DOOLITTLE, which was discussed by MR. JOSEPH WHARTON, PROF. SNYDER and PROF. DOOLITTLE.

"Inheritance in the Female Line of Size of Litter in Poland China Sows," by GEORGE M. ROMMELL, B.S.A., and E. F. PHILLIPS, Ph.D. (communicated by PROF. E. G. CONKLIN). (See page 245.)

"The Cause of Earthquakes, Mountain Formations and Kindred Phenomena connected with the Physics of the Earth," by T. J. J. SEE. (See page 274.)